

## EPA Official Record

**Notes ID:** A27FAC8A502183ADFF63AE234CF013E4  
**From:** Chris Hill <chris.hill@chk.com>  
**To:** Robert Puls/ADA/USEPA/US@EPA  
**Copy To:** John Satterfield <john.satterfield@chk.com>  
**Delivered Date:** 06/02/2011 05:38 PM EDT  
**Subject:** RE: QAPP template & methods table

Bob,

I provided the methods table you supplied for the hydraulic fracturing study to a number of our resident experts and have the following initial concerns:

Based on information identified online, the RSKSOP methods do not appear to be EPA approved methods because they have not been through the Agency's peer review process or ORD clearance process.

Chesapeake will be taking split samples, and the non-standard methods listed would be difficult to compare with the standard SW-846 testing methods utilized by our third party certified labs.

The methods provided do not appear to be all inclusive of analytes listed in the Draft EPA Study Plan.

Would it be beneficial to setup a conference call to discuss analytical methods with EPA's and Chesapeake's experts on the line?

Thanks,  
Chris

-----Original Message-----

From: Puls.Robert@epamail.epa.gov [mailto:Puls.Robert@epamail.epa.gov]  
Sent: Wednesday, May 04, 2011 2:42 PM  
To: Chris Hill  
Subject: Fw: QAPP template & methods table

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----- Forwarded by Robert Puls/ADA/USEPA/US on 05/04/2011 02:41 PM -----

From: Steve Vandegrift/ADA/USEPA/US  
To: Robert Puls/ADA/USEPA/US@EPA  
Date: 05/04/2011 09:10 AM  
Subject: QAPP template & methods table

(See attached file: HF case study QAPP blank template for distribution.docx) (See attached file: methods table.docx)

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